

a processor system coupled to the first and second interfaces, wherein the processor system controls operation of the first and the second interfaces and generates control messages for sending by the first and the second interfaces.

27. (Amended) A mobile switching center, comprising:

A2  
C1  
a single housing having back plane communications, comprising:

a central processor that processes incoming signals, wherein the incoming signals are switched in a telecommunications network; and

a wireless interface module that supports two or more wireless protocols.

46. (Amended) An advanced intelligent message handler for use in a mobile telecommunications network having mobile communications devices and one or more base stations, the advanced intelligent message handler, comprising:

A3  
a first interface for intersystem messaging, the first interface, comprising:

a first GSM processing thread,

a first TDMA processing thread,

a first CDMA processing thread, and

a first AMPS processing thread;

a second interface for intrasystem messaging, the second interface, comprising:

a second GSM processing thread,

a second TDMA processing thread,

a second CDMA processing thread, and

a second AMPS processing thread;

a processor system coupled to the first and the second interfaces, the processor system controlling a flow of message traffic to and from the first and the second interfaces; and

a single housing containing the first and the second interfaces and the processor system.

47. (Amended) A method for controlling communications in a multi-protocol wireless network, comprising:

receiving first digital communications according to a first protocol at a first interface in a common housing;

sending a first control message according to the first protocol;

AB  
receiving second digital communications according to a second protocol at a second interface in the common housing; and  
sending a second control message according to the second protocol, wherein a processor in a switching center interprets the first and the second digital communications and generates the first and the second control messages, and wherein the switching center is located in the common housing.

86. (Amended) A graphical user interface (GUI) for use with a scalable, wireless switching center, comprising:

- AA  
a home location register (HLR) GUI hierarchy;  
a visitor location register (VLR) GUI hierarchy;  
a database management GUI hierarchy;  
a system configuration GUI hierarchy; and

a call record manager GUI hierarchy, wherein GUIs provide access to data that controls operation of the switching center, and wherein the GUI hierarchies reside in a common housing.

Please add new claims 105-107 as follows:

Sub  
--105. A switching center for communication system that provides communications services to customers having wireless and other communications devices, comprising:

the first interface, the first interface receiving and sending digital messaging having a first protocol;

RP  
a second interface, the second interface receiving and sending digital messaging having a second protocol, wherein the second interface comprises an asynchronous transfer mode (ATM) interface, the ATM interface providing wireless ATM communications and other packet communications; and

C  
a processor system coupled to the first and the second interfaces, wherein the processor system controls operation of the first and the second interfaces and generates control messages for sending by the first and the second interfaces.--

--106. A mobile switching center, comprising:

a central processor that processes incoming signals wherein the incoming signals are switched in a telecommunications network; and